AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

I	(Currently Amended) A method for use in a wellbore, comprising:		
2	causing creation of tunnels in surrounding formation of a well interval;		
3	applying treatment fluid to the tunnels; and		
4	creating a local transient underbalance condition in the well interval after creation		
5	of the tunnels in the formation and application of the treatment fluids,		
6	wherein creating the local transient underbalance condition in the well interval is		
7	accomplished by using at least one of:		
8	opening at least one port to a sealed container containing a low pressure,		
9	the sealed container lowered into the wellbore by a carrier line;		
10	communicating the wellbore interval with a choke line containing low		
11	density fluid, the choke line being associated with subsea well equipment; and		
12	providing a chamber of a perforating gun as a sink for fluids from the		
13	wellbore interval.		
1	2. (Original) The method of claim 1, wherein creating the local transient		
2	underbalance condition causes a surge of fluid flow out of the tunnels to clean the tunnels.		
1	3. (Original) The method of claim 1, wherein causing the creation of tunnels		
2	comprises firing a perforating gun.		
1	4. (Original) The method of claim 1, wherein applying the treatment fluid		
2	comprises applying a matrix treatment fluid.		
1	5. (Original) The method of claim 1, wherein applying the treatment fluid		
2	comprises applying at least one of acid, chelant, solvent, surfactant, brine, oil, and enzyme.		
1	6. (Cancelled)		

1	7.	(Original) The method of claim 1, wherein creation of the local transient		
2	underbalance	causes performance of a surge operation to clean the tunnels, the method further		
3	comprising p	erforming a fracture operation after the surge operation.		
1	8.	(Original) The method of claim 7, further comprising performing a gravel pack		
2	operation after	er the fracture operation.		
1	9.	(Original) The method of claim 1, wherein creating the local transient		
2	underbalance causes performance of a surge operation to clean the tunnels, the method further			
3	comprising performing a gravel pack operation.			
1	10.	(Original) The method of claim 1, wherein applying the treatment fluid		
2	comprises activating an applicator tool to apply the treatment fluid.			
1	11.	(Original) The method of claim 10, wherein activating the applicator tool		
2	comprises op	bening at least one port of the applicator tool.		
	10	(O ' ' 1) The second of the first of the first fluid		
1	12.	(Original) The method of claim 1, wherein applying the treatment fluid		
2	comprises ap	plying the treatment fluid in presence of an overbalance condition.		
1	13.	(Currently Amended) The method of claim 12, further comprising A method for		
2		bore, comprising:		
3	use in a well	causing creation of tunnels in surrounding formation of a well interval;		
4		applying treatment fluid to the tunnels;		
5		creating a local transient underbalance condition in the well interval after creation		
6	of the tunnels	s in the formation and application of the treatment fluid,		
7		wherein applying the treatment fluid comprises applying the treatment fluid in		
8	presence of a	n overbalance condition; and		
9		activating a perforating gun to create the overbalance condition, the overbalance		
10	condition con	mprising a transient overbalance condition.		

1 14. (Original) The method of claim 13, wherein activating the perforating gun 2 comprises activating a tubing conveyed perforating gun. 15. (Original) The method of claim 13, wherein applying the treatment fluid 1 comprises applying an acid to flow into the tunnels due to the presence of the overbalance 2 3 condition. (Original) The method of claim 15, wherein applying the acid comprises flowing 1 16. a substantially equal amount of acid into each of the tunnels. 2 1 17. (Original) The method of claim 1, wherein applying the treatment fluid comprises applying a brine to reduce surface tension within the tunnels. 2 (Original) The method of claim 1, wherein applying the treatment fluid 1 18. comprises applying a surfactant to enhance the transport of debris out of the tunnels. 2 19. (Original) The method of claim 1, wherein applying the treatment fluid 1 2 comprises applying a fluid to enhance cleanup of the tunnels. (Original) The method of claim 1, further comprising applying a sequence of 1 20. pressure conditions in the wellbore interval, the sequence of pressure conditions comprising the 2 3 transient underbalance condition and other pressure conditions. (Original) The method of claim 20, wherein applying the other pressure 1 21. conditions comprises applying at least one of an underbalance condition, overbalance condition, 2 3 and balanced condition. 1 22. - 37. (Cancelled)

Appln. Serial No. 10/667,011 Amendment Dated April 3, 2006 Reply to Office Action Mailed January 3, 2006

1	38.	(New) A method for use in a wellbore, comprising:
2		causing creation of tunnels in surrounding formation of a well interval;
3		applying treatment fluid to the tunnels; and
4		creating a local transient underbalance condition in the well interval after creation
5	of the tunnels	in the formation and application of the treatment fluids,
6		wherein applying the treatment fluid comprises controlling a rate of application of
7	the treatment	fluid using a time release mechanism that is part of an applicator tool lowered into
8	the wellbore.	